

OPINION 1002

PHALAENA TINEA XYLOSTELLA, LINNAEUS, 1758: REFUSAL TO USE PLENARY POWERS TO DESIGNATE A NEOTYPE

RULING.—(1) The application for the use of the plenary powers to designate a neotype for *Phalaena Tinea xylostella* Linnaeus, 1758 is hereby refused.

(2) It is hereby directed that the nominal species *Phalaena Tinea xylostella* Linnaeus, 1758 is to be interpreted by reference to the lectotype in the Linnaean collection designated by Bradley, 1966, *Entomologist's Gazette* 17 : 219.

(3) The specific name *xylostella* Linnaeus, 1758, as published in the combination *Phalaena Tinea xylostella*, is hereby placed on the Official List of Specific Names in Zoology with the Name Number 2506.

HISTORY OF THE CASE (Z.N.(S.) 1906)

The present application was submitted to the office of the Commission by Dr N. Wolff in October 1969. The application was sent to the printer on 18 December 1969 and was published on 5 June 1970 in *Bull. zool. Nomencl.* 27 : 60–62. Public notice of the possible use of the plenary powers in the present case was given in the same part of the *Bulletin* as well as to the other prescribed serial publications (Constitution Art. 12b; *Bull. zool. Nomencl.* 21 : 184) and to eight entomological serials.

Comments supporting the proposal were received from E. C. Pelham-Clinton (*Bull. zool. Nomencl.* 27 : 130), J. A. Downes, K. Lindhart, and J. Jorgensen.

An objection by J. D. Bradley and W. H. T. Tams (*Bull. zool. Nomencl.* 28 : 11–13) recommended that the Rules be applied and this was supported by K. Sattler, W. G. Tremewan and P. E. S. Whalley.

DECISION OF THE COMMISSION

On 10 February 1972 the Members of the Commission were invited to vote under the Three-Month Rule on Voting Paper (72)5 either for or against the proposal set out in *Bull. zool. Nomencl.* 27 : 60–62. A note accompanying the Voting Paper stated that a vote against this proposal would be taken as a vote for the proposal set out in *Bull. zool. Nomencl.* 28 : 13. At the close of the prescribed voting period on 10 May 1972 the state of the voting was as follows:

Affirmative votes—seven (7), received in the following order: Holthuis, Lemche, Eisenmann, Mayr, Bonnet, Tortonese, Ride.

Negative votes—seven (7): Simpson, Sabrosky, Jaczewski, Melville, Brinck, Forest, Binder.

On leave of absence—one (1): Monroe.

Commissioners Kraus and Starobogatov returned late negative votes. Professor Vokes did not vote. The following comments were made by Commissioners in returning votes:

Dr. E. Eisenmann (28.ii.72): "Admittedly usage throughout the twentieth century supports the Wolff proposal and the shift of the Linnaean names by Bradley dates to 1966—possibly in violation of Art. 23b.

Prof. H. E. Vokes (28.ii.72): "I find the respective claims of the two proposals so at variance—and incomplete—that I do not feel able to reach any conclusion. For example, if (as implied by Bradley and Tams) there is more than one specimen in the Linnaean collection, are they all of the same species as the "lectotype", or is the "*Lonicera*-feeding" form also represented? . . . etc. Hence I wish to refrain from voting either way".

Prof. E. Mayr (14.iii.72): "In spite of the arguments of Bradley and Tams, I favor stabilization of the almost unanimous usage of the last fifty years or more".

Prof. P. Brinck (5.v.72): "I cannot accept a moving of the name *xylostella* for a species not meant by the author."

Dr. W. D. L. Ride (10.v.72): "I vote in the affirmative despite the demonstration by Bradley and Tams that the Linnaean specimen and description are against it, because I hold that the issue before the Commission is not one of the identity of the Linnaean specimen but whether stability and universality are served by a proposal which (a) avoids the transfer of a name from one species to another, and (b) retains for a well-known, economically important species the name universally applied to it."

ORIGINAL REFERENCES

The following is the original reference for the name placed on the Official List by the Ruling given in this Opinion:

xylostella, *Phalaena Tinea* Linnaeus, 1758. *Systema Naturae* ed. 10. Holmiae.

The following is the original reference for the designation of the lectotype for *Phalaena Tinea xylostella* Linnaeus, 1758: Bradley, 1966, *Entomologist's Gaz.* 17 : 219.

CERTIFICATE

I certify that the votes cast on Voting Paper (72)5 were cast as set out above, that the proposal contained in that Voting Paper has been duly adopted and that the decision so taken, being the decision of the International Commission, is truly recorded in the present Opinion No. 1002.

R. V. MELVILLE
Secretary

International Commission on Zoological Nomenclature

London

15 June 1973